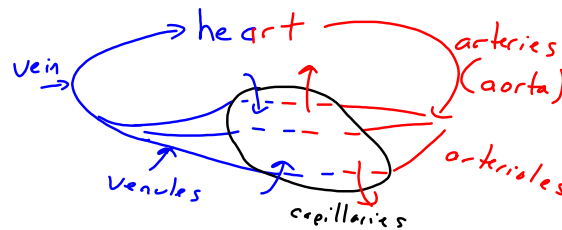


<https://www.youtube.com/watch?v=NJzJKvkWWDc>

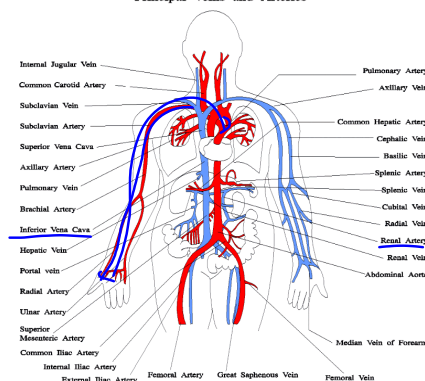
Circulatory System

- made up of your heart and blood vessels (arteries, arterioles, capillaries, venules, veins)



- every minute about 4 to 6 litres of blood circulates through your body.
- oxygen, carbon dioxide, nutrients, and hormones are carried by the blood.

Blood Circulation Principal Veins and Arteries

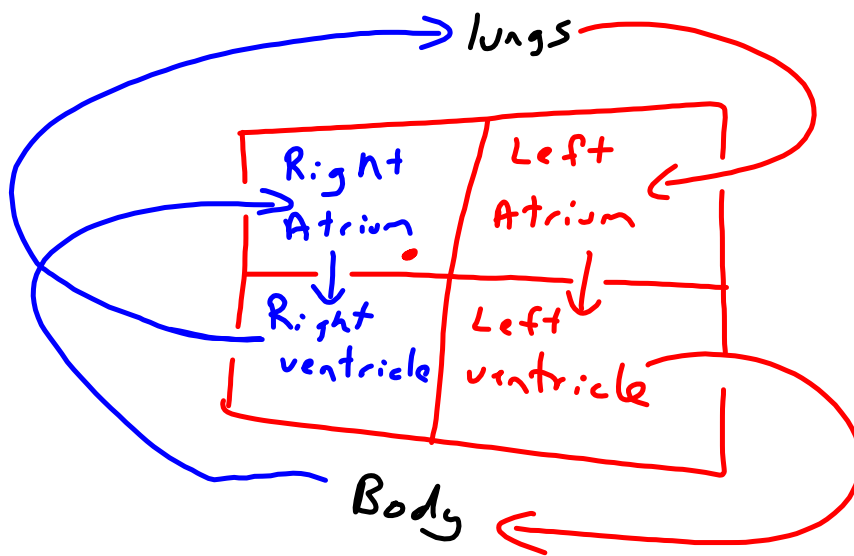


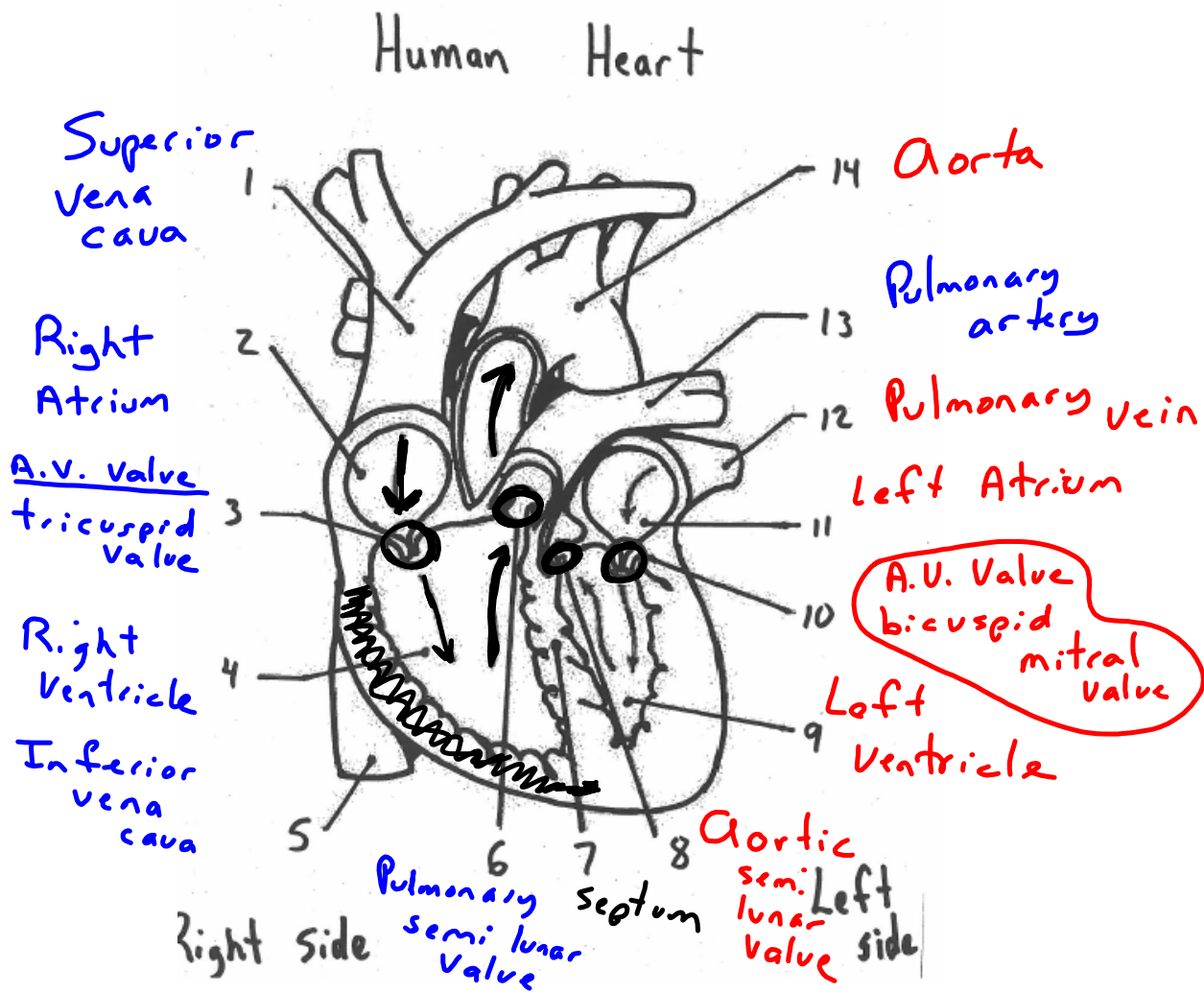
The Heart

- located just left of the center of your chest
- about the size of your fist (300gm)
- beats about 72 times a minute (can beat up to 200 beats a minute during exercise)
- surrounded by a fluid filled membrane called the pericardium which prevents friction between the heart and the ribs.
 - has 4 chambers (sections)
 - 2 top sections are called atria (right and left atrium)
 - 2 bottom sections are called ventricles (right and left ventricles)
- blood from the 2 atria is pumped to the 2 ventricles (at the same time)

blood from the ventricles is then pumped from the heart going either to the lungs or to the remainder of the body.

http://www.youtube.com/watch?v=FCimR_P9ID0&feature=related





Label Heart Diagram

List the parts of the heart and explain each job or role

